TITLE: VIDEO CAPTURE DEVICE AND METHOD OF SENDING HIGH QUALITY VIDEO OVER A LOW DATA RATE LINK
INVENTORS NAME: Louis A. Lippincott
DOCKET NO.: 884.617US1 =

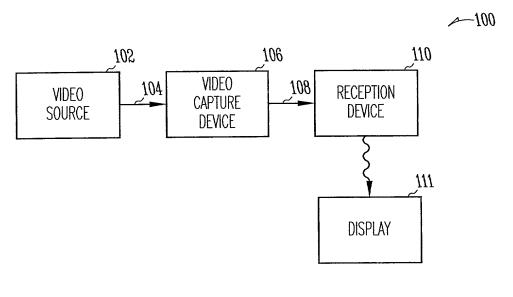
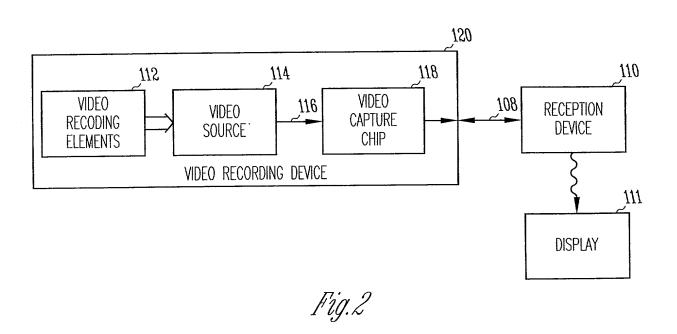


Fig. 1



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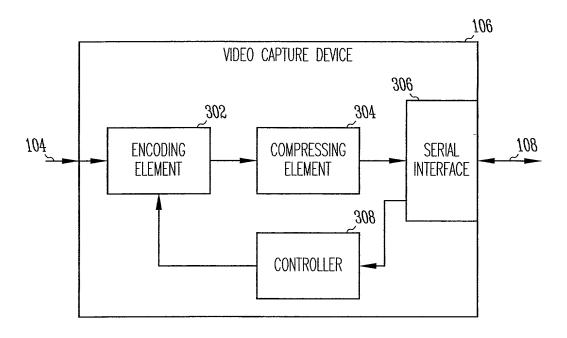


Fig. 3

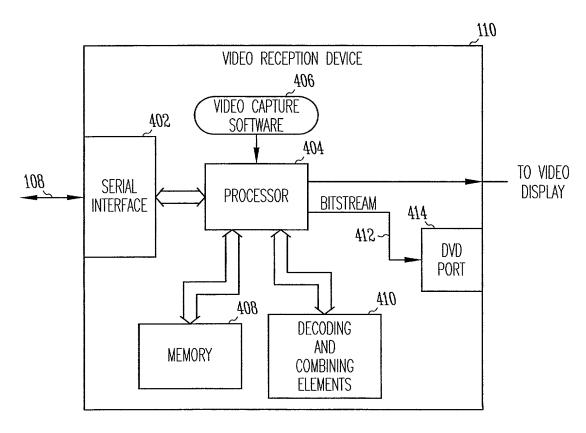


Fig. 4

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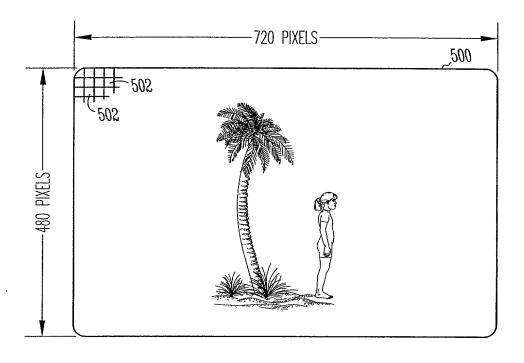
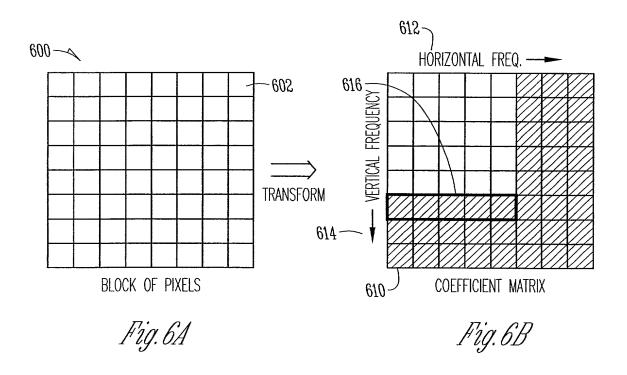


Fig.5



TITLE: VIDEO CAPTURE DEVICE AND METHOD OF SENDING HIGH QUALITY VIDEO OVER A LOW DATA RATE LINK INVENTORS NAME: Louis A. Lippincott DOCKET NO.: 884.617US1 00r 4/6 VIDEO CAPTURE TRANSMISSION PROCEDURE 202 RECEIVE ANALOG VIDEO FRAME OF SEQUENCE 704 CONVERT ANALOG VIDEO FRAME TO DIGITAL *30*5 ENCODE BLOCKS OF PIXELS TO PROVIDE DCT COEFFICIENTS 80°F FIRST COMPRESS LOW FREQUENCY DCT COEFFICIENTS 710 SEND COMPRESSED LOW FREQUENCY DCT COEFFICIENTS TO RECEPTION DEVICE 712 818 NO FRAME SEQUENCE COMPLETE? SWITCH TO HIGH FREQUENCY MODE YES 714 720 RESTART VIDEO COMPRESS HIGH FREQUENCY FRAME SEQUENCE DCT COEFFICIENTS 716 722 RESEND COMPRESSED LOW SEND COMPRESSED HIGH FREQUENCY DCT COEFFICIENTS FREQUENCY DCT COEFFICIENTS FOR FRAMES AT BEGINNING TO RECEPTION DEVICE OF THE SEQUENCE 724 NO FRAME SEQUENCE COMPLETE? YES **STOP** 926

19 .

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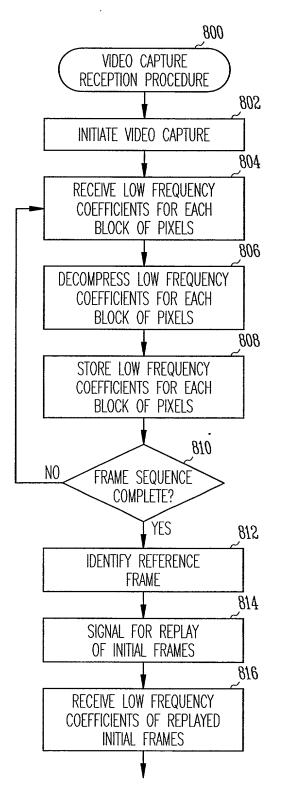


Fig. 8A

4 a € 4

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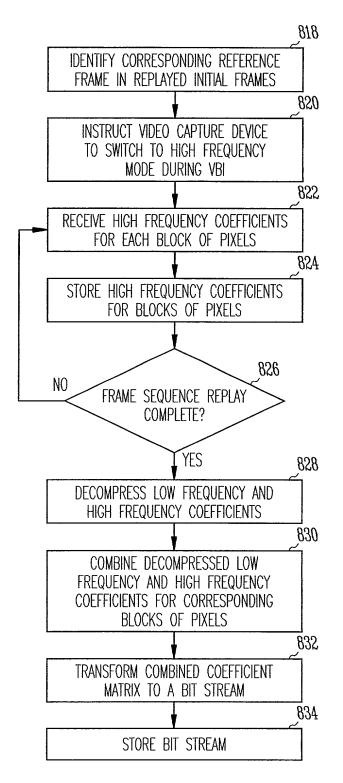


Fig.8B